



PATENT
P55941

IN THE SPECIFICATION

1. Please amend the title of the invention as follows:

a1
DOWNLOADING FILES FROM APPROVED WEB SITE MP3
DOWNLOADING

2. Please amend the subtitle at line 3 on page 1 as follows:

a2
CROSS-REFERENCE TO RELATED APPLICATION AND CLAIM OF PRIORITY

3. Please amend the subtitle at line 8 on page 1 as follows:

a3
BACKGROUND FIELD OF THE INVENTION

4. Please add the following between lines 8 and 9:

a4
Field of the Invention

RECEIVED

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Technology Center 2100

5. Please amend the second paragraph on page 1, from line 9 through line 14,
as follows:

a5
The present invention generally relates to a process and apparatus for ~~ensuing~~
ensuring that a digital storage device will only be able to download or play files that were
obtained from sources deemed by the manufacturer of the device, or by an overseeing
organization, to be acceptable, and, more particularly, to processes and devices able to

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ensure that the digital storage device does not download, play or display files that were obtained over the Internet from web sites that have not been pre-approved by either the manufacturer of the device or by an overseeing organization.

6. Please amend the subtitle at line 15 on page 1 as follows:

a⁶
~~BACKGROUND OF THE INVENTION~~ Description of the Related Art

7. Please amend the paragraphs bridging pages 1 and 3, from line 16 on page 1 through line 4 on page 3, as follows:

a⁷
With the growing popularity of using the Internet to transfer files in a digital format, there has been increasing concern over the need to protect the intellectual property rights of individuals and organizations to copyrighted materials such as books, music, movies and manuscripts. Once copyrighted materials have been made available in digital format, high quality illegal copies of copyrighted materials can be quickly and indiscriminately [[be]] made available to others.

Several web sites currently make available for free distribution, unencrypted files of the contents of copyrightable ~~material~~ materials such as books and [[audio]] music. Several of these web sites are maintained with the full consent of the lawful owners of the copyrighted material, because some copyright owners see this as a way to help promote

and market their products. On the other hand, there are other web sites that make available copyrighted files without the consent of the rightful owners of the copyright. Generally, it is desirable to allow web sites to distribute lawfully available copies of both unencrypted and encrypted files over the Internet to digital devices while concurrently preventing these digital devices from being able to either play or download illegally available files. One technique that is currently used to address this problem uses encryption to allow only devices with the appropriate encryption key to decrypt a particular file; therefore, when an encrypted file is downloaded from a web site, only the devices for which the file was intended are able to decrypt that file.

Existing encryption techniques are appropriate in the situation where only legal sources have access to specific copyrighted material and ~~precaution has~~ precautions have been made to assure that whoever downloads that material can not subsequently distribute the material in an unencrypted format for use, by way of example, on another device able to display, reproduce or play the copyrighted material. I have noticed however, that existing encryption methods do not solve the problem of protecting copyrighted material from unlawful use or reproduction if the copyrighted material is already available in the hands of those who would make it available illegally; such is the case with music files, which are already widely distributed in digital format (*i.e.*, compact discs, commonly known as "CD's") making it easy for someone to illegally distribute the musical content read from the disc over the Internet.

8. Please amend the paragraph on page 3, from line 10 through line 11, as follows:

a⁸ It is ~~therefor~~ therefore, one object of the present invention to provide improved processes and apparatus for distribution of files via the Internet.

9. Please amend the complete paragraph on page 4, from line 4 through line 18, as follows:

a⁹ Due to the open architecture of personal computers and the fact that personal computers are currently not covered under the *Digital Audio Recording Devices And Media Act*, 17 U.S.C. §1001, *et seq.*, it may be difficult to restrict a personal computer from downloading illegally available material; however, it is still possible from both a technical and legal perspective to restrict non-personal computer digital devices (*i.e.*, non-PC's) from downloading illegal material either directly from the Internet or from a personal computer. These and other objects may be attained by setting up [[of]] an approved web site database with a personal computer that is equipped with software that encrypts only those files that are downloaded from web sites listed on that database. In turn, a digital storage device with a personal computer interface only downloads those files that have been appropriately encoded by the personal computer; alternatively, the digital storage device can be allowed to download any file but not be allowed to play or

a⁹
display any downloaded file. Similarly, non-PC digital devices with direct Internet connectivity would be able to only download, play and display those files downloaded from web sites on the Approved Website Database. The present invention may therefore, be practiced regardless of whether the files that are made available on a web site are either in an encrypted or in an unencrypted format.

10. Please amend the paragraphs bridging pages 4 and 5, from line 19 on page 4 through line 13 on page 5, as follows:
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In the practice of this invention with unencrypted files, digital devices are only able to download files that were made available in unencrypted format with the permission of the rightful owners of the copyrighted content of the material. The only action that is required by the managers of web sites will be to submit their web site to an industry committee as a legitimate source of files containing copyrighted material. This web site is in turn placed on the Approved Web [[site]] Site Database and can be monitored for compliance with copyright protection laws. Those web sites that make available files without the consent of the rightful owners of the copyrighted material in those files would be denied listing on the Approved Website Database by the industry committee.

When practiced with an encrypted file during downloading, the practice of this

Q10 invention ensures that web sites provide encrypted copyrighted material with the consent of the rightful owners of that material. The fact that a website happens to have the software necessary to encrypt the copyrighted material does not, by itself, necessarily mean that the ~~website~~ web site is making those files available over the Internet legally in the first place. Proper maintenance of the Approved Web Site Database can serve as a way to ensure that digital devices are only able to download encrypted files that were made available with the consent of the rightful owners of the material.

11. Please amend the three consecutive paragraphs on page 6, from line 2 through line 8, as follows:
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Q11 Figure 2 is a ~~flow char diagram that illustrates~~ flowchart of several of the steps that may be followed in order to launch a software program on a personal computer by using standard web browser;

Figure 3 is a ~~flow char diagram that illustrates~~ flowchart of several of the steps that may be used in order to encrypt music files that have been downloaded from a web site on an ~~approved web site database~~ Approved Web Site Database; and

Figure 4 is a ~~flow char diagram that illustrates~~ flowchart of one method for a digital storage device to download, play and display encrypted files from a personal computer.

12. Please amend the two consecutive paragraphs bridging pages 8 and 9, from line 1 on page 8 through line 3 on page 9, as follows:
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As illustrated by Figure 2, to implementing the latter approach, after starting the Software Program in step 200, in step 204 the user clicks a mouse selector button (not shown) or a keyboard designator to select a website link, and to select and to download specific files desired by the user. The Software Program gives the user an option in step 206 to either save or to open the selected downloaded file. Designation by the user of an election to save the selected file, triggers the Software Program to download the selected file from server 116 without first encrypting the selected file. Alternatively, designation by the user of an election to open the selected file triggers the Software Program to open the downloaded file and, in step 210, launch a program for playing the contents of the opened file. As illustrated in the Figure 2, the Software Program may be implemented with either a plug-in or proprietary web browser, in much the same way. Accordingly, the Figures use a web browser as an illustrative example of an implementation of the principles of the present invention.

~~Figure~~ Figures 2 and 3 ~~illustrates~~ illustrate the steps of the process for downloading a selected file from server 116. The web browser launches the program in step 210 when a user is using the web browser on personal computer 114 to visit a web site (e.g., a web site maintained by a server 116) that either accesses another server (not

a¹²
shown) or itself contains files that the user wishes to selectively download. In step 204, the user designates a file that he has selected by clicking (*i.e.*, selecting via either a mouse selector button or a designated key of keyboard 124) on the file that the user wishes to download and then, in step 208, the browser prompts the user to indicate whether the user wishes to either open the selected file or to save the selected file. In order to be able to download or play the file on his digital storage device, the user must launch the Software Program during step 210, which, in this case, means that the user must choose the "open file" option in reply to the query from the browser during step 206.

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13. Please amend the paragraph bridging pages 12 and 13, from line 11 on page 12 through line 1 on page 13, as follows:
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The steps used to implement this process for Internet enabled digital storage devices ~~[[is]]~~ are similar to those used for digital storage devices with personal computer interfaces, except that the Internet enabled digital storage devices do not require a personal computer in order to access files from the Internet. As such, the Software Program is loaded on the Internet enabled digital storage device instead of onto a personal computer. Additionally, when downloading a file of a certain type from the Internet, the enabled digital storage device may alternatively configured so that it will only be able to download files from web sites on the Approved Web Site ~~[[List]]~~ Database, whereas the personal computer 114 is able to bypass the Software Program to

download files from any source. It is important to note however, that even when using a personal computer 114, a digital device 120 with a personal computer interface that is compliant with the specifications of this invention is not able to bypass these copyright protection mechanisms.
